



# READY 5G NETWORK FOR AVIATION? GOGO TO LAUNCH IT IN 2021

News / Business aviation



**The progress and its speed is just amazing. Are you ready for inflight connectivity on 5G? Gogo is first inflight connectivity provider to announce a 5G network for aviation will be launched in 2021!**

**The new air-to-ground (ATG) network will be designed for use on business aviation aircraft, commercial regional jets, and smaller mainline jets operating within the contiguous United States and Canada. Gogo expects the network to be available for business and commercial aviation in 2021.**

**“We expect to launch Gogo 5G at the same time as the terrestrial telecommunications companies are deploying the same generation of technology on the ground – a first in the inflight connectivity industry,” said Oakleigh Thorne, CEO of Gogo. “Gogo 5G is the next step in our technology evolution and is expected to deliver an unparalleled user experience, pairing high performance with low latency and network-wide redundancy.”**

Gogo will build the 5G network on its existing infrastructure of more than 250 towers and will use unlicensed spectrum in the 2.4GHz range, along with a proprietary modem and advanced beamforming technology. Gogo’s 5G infrastructure will support all spectrum types (licensed, shared, unlicensed) and bands (mid, high, low), and will allow Gogo to take advantage of new advances in technology as they are developed. Similar to how wireless carriers provide redundancy across their networks, Gogo will continue to employ its 3G and 4G networks throughout the continental U.S. and in Canada that will provide backup to the 5G network when

needed.

When compared to satellite technologies, ground-based network technologies in general deliver certain operational advantages – specifically lower cost of operation and lower latency. Gogo is committed to provide easy upgrade paths to 5G for existing Gogo air-to-ground customers.

# **GOGO 5G**

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